

# **Enterprise Computing Solutions - Education Services**

# TRAINING OFFERING

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# IBM Security Network Protection Administration and Configuration

CODE: DURÉE: PRIX H.T.:

IS671G 24 Hours (3 Jours) €2,100.00

# **Description**

IBM Security Network Prevention is a next-generation intrusion prevention system. This course provides the processes, procedures, and practice necessary to configure the Network Protection (XGS) appliance to protect your network. Students learn through handson labs how to configure the appliance, configure management and protection policies, and block a variety of common attacks.

# **Objectifs**

- \* Describe the characteristics and architecture of the IBM Security Network Protection appliance
- \* Connect the appliance to your network
- \* Configure initial settings on the appliance and register it with SiteProtector
- \* Use network objects and network access rules to configure the Network Access Policy
- \* Use IPS objects to configure the Intrusion Prevention Policy
- \* Describe different alert types and configure SNMP alerts generated by response objects and system alerts
- \* Use objects and policies to tune your security policy
- \* Capture network packets
- \* Configure local, remote, and passive user authentication
- \* Inspect outbound and inbound SSL traffic
- \* Use the SNORT syntax to incorporate rules in the appliance
- \* Use advanced threat protection and quarantine rules to block events
- \* Integrate the appliance with IBM Security QRadar SIEM
- \* Monitor events on the appliance

#### **Audience**

This course is designed for network and security professionals who evaluate, implement, manage, or monitor the IBM Security Network Protection appliance.

## **Prérequis**

Before taking this course, make sure that you have the following skills:

- \* Basic knowledge of information security concepts
- \* Familiarity with networking concepts, such as switching, routing, and firewalls, and tools, such as network sniffers and FTP clients
- \* Solid knowledge of the TCP/IP protocol and IPv4 networking
- \* Use the IBM Security SiteProtector™ console to manage agents. Students should attend IS604G, IBM Security SiteProtector System: Basic Implementation and Administration or an equivalent course before attending this class.

## **Programme**

Unit 1: Introduction to IBM Security Network Protection

Unit 2: Setting up the appliance

Unit 3: Managing the appliance

Unit 4: Configuring the Network Access Policy

Unit 5: Configuring the Intrusion Prevention Policy

Unit 6: Using alerts and events

Unit 7: Tuning Network Access Policy rules and Intrusion Prevention behavior

Unit 8: Capturing network traffic

Unit 9: Controlling user access
Unit 10: Inspecting SSL-encrypted traffic

Unit 11: Implementing SNORT rules

Unit 12: Configuring advanced threat protection

Unit 13: Integrating with QRadar SIEM

Unit 14: Monitoring event data

# Dates de session

Sur demande. Merci de nous contacter

# **Informations** Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.